

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name <i>Unnamed Trib to Montreal River</i>	Waterbody ID Code <i>2940900</i>	Sample ID (YYYYMMDD-CY-FD) <i>20191008-26-01</i>
Sampling Location		Database Key 226463937

SWIMS Station ID 10053340	SWIMS Station Name UNNAMED TRIBUTARY TO MONTREAL RIVER US SAXON FALLS ROAD
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Latitude <i>46.53686</i>	Longitude <i>-90.37428</i>	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU)	Watershed Name	County <i>Iron</i>
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Sample and Site Descriptors

Sample Collector (Last Name, First) JOSEPH CUNNINGHAM	Project Name MONTREAL RIVER TWA 2017-2018-2019 (2021 WQPLAN)
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Sampling Device

D-Frame Kick Net
 Surber Sampler
 Eckman
 Ponar
 Artificial Substrate
 Hess Sampler
 Other: _____

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) <i>1 min</i>	Estimated Area Sampled (m²) <i>1 m²</i>	Number of Samples in Composite <i>3-20 second kicks</i>	Replicate No. <i>1</i> of <i>1</i>
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: *TWA*

Water Temp. (C) <i>9.2</i>	D.O. (mg/l) <i>11.5</i>	D.O. (% sat.) <i>99.8</i>	pH (su) <i>8.1</i>	Conductivity (umhos/cm) <i>191</i>	Transparency (cm) <i>7120</i>
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) <i>0.15 m</i>	Average Stream Width of reach (m) <i>1.0 m</i>
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): *30* Gravel (ladybug to tennisball): *50*
 Sand: *10* Clay: *10* Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) *10* **Canopy Cover at Sample Site (%)** *40*

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity	Local	Water-shed	Factors that may be influencing Water Resource Integrity	Local	Water-shed
Biological			Chemical		
Algae: - Diatoms / Periphyton	U	U	Chlorine		
- Filamentous Algae			Dissolved Oxygen		
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria	U	U	Toxics: - Inorganic (Metals)		
Macrophytes			- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PH	PH
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion	PH	PH	Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs	U	U
Sludge			Tributary(s)		
Thermal			Wetland	U	U
Turbidity			Other - Specify:		
Other - Specify:					

Comments Very low water levels, odd after so much rain in the previous days. Stream was dry this summer when we attempted a fish survey.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Sam LaMarche	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 2/21/2020	Specimens Saved 136 subsample archived in ABL until Jul 2023	

AZ
 136 specs

